RELATIONSHIP OF COMPONENTS IN HOMOGENEOUS URANIUM MIXTURES

See page II.C.3-1 for a discussion of the general equation. Using this equation and the values in the table on page II.C.3-2 we can determine the particular equation:

U-H_2O

$$H/U = \left(\frac{26089}{gU/\ell} - 1.3804\right) \Big/ (1.00858f_{233} + f_{235} + .98736f_{238})$$

U Nitrate

$$H/U = \left(\frac{26089 - 600.2M}{gU/\ell} - 8.3467\right) \Big/ (1.00858f_{233} + f_{235} + .98736f_{238})$$

(PuO_2+UO_2)-H_2O

See page II.C.3-2